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John J. House
Attorney for Applicants

Date February 22, 2005

Trw
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
JOSEPH C. ZUERCHER et al.)
Entitled:) Attorney Docket No. 02-mAE2-229
APPARATUS AND METHOD FOR REAL TIME) Group Art Unit 2858
DETERMINATION OF ARC FAULT ENERGY,)
LOCATION AND TYPE) Examiner W. Benson
Serial No. 10/627,016) Confirmation No. 3696
Filed: July 25, 2003)

AMENDMENT

600 Grant Street, 44th Floor
Pittsburgh, PA 15219
February 22, 2005

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed on January 25, 2005, please amend the
above-captioned Application as follows:

Amendments to the Claims are reflected in the **Listing of Claims** which
begins on page 2 of this paper.

Remarks begin on page 7 of this paper.